

A photograph of three students, two men and one woman, looking intently at a smartphone held by one of the men. They are in a classroom setting, with other students and colorful chairs visible in the background. The image is slightly blurred, emphasizing the students' interaction with the device.

Interactive experiments in the online classroom part Ia

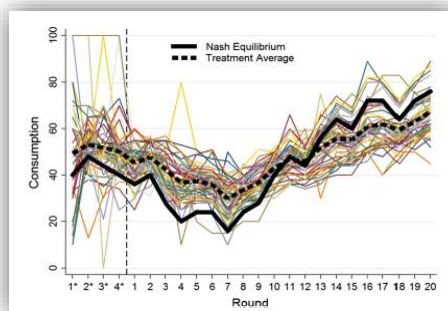
Prof. Dr. Marcus Giamattei
Bard College Berlin & University of Passau

Webinar January 20th 2021

Bard College Berlin
A LIBERAL ARTS UNIVERSITY

- Professor at Bard College Berlin
- External Fellow at University of Passau and University of Nottingham
- Dissertation „Bounded Rationality & Experimental Macroeconomics“
- Habilitation „Experiments on Macroeconomics and Cooperation - Theory, Evidence and Teaching.“

Behavioral and Experimental Economics

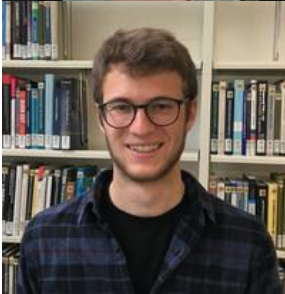




People



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Webinar series

Bard College Berlin
A LIBERAL ARTS UNIVERSITY

- Part Ia: Run experiments with classEx
January 20th 2021 4pm
Recording available at classEx.de
- Part Ib: Experiments for teaching macroeconomics
to be scheduled
Additional topic webinars possible
- Part II: Develop own experiments
Smaller groups (max 20)
Beginning of February (tbs)

Information will be shared via email if you registered for this webinar.

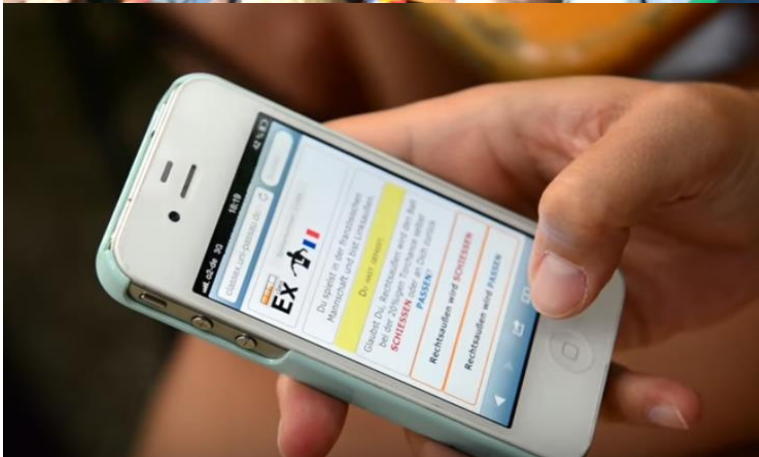


classEx for lab-in-the-field

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<https://www.youtube.com/watch?v=C4ajsNmy9Fk&t=174s>



Lambsdorff, J.G., Giamattei, M., Werner, K., 2017. How Fragile Is Conditional Cooperation?: A Field Experiment with Smartphones during the 2014 Soccer World Cup. *Journal of Behavioral Decision Making* 30(2), 492-501.

Lambsdorff, J.G., Giamattei, M., Werner, K., Schubert, M., 2018. Team Reasoning Experimental Evidence on Cooperation from Centipede Games. *Plos One* 13(11).



Experiments in the (online) classroom

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Our first experiment

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PARTICIPANT ID: MCI

My consumption level in period 1

Median of (7, 16, 4, 19, 22)

Median of (7, 16, 4, 19, 99)

PARTICIPANT-ID: MCI

My consumption level in period 2

Please additionally mark with a cross
☐ male ☐ female
course:
☐ Business Admin. and Economics
☐ Governance ☐ Teaching ☐ Other

EX class

Die Bundesregierung verkündet die Entdeckung neuer Vorkommen an natürlichen Ressourcen, aus deren Verkauf sie die Zahlung finanziert.

kurzlebige Konsumgüter %

langlebige Konsumgüter %

Sparen %

Sonstiges %

Eingaben absenden

level in period 2

Please additionally mark with a cross
☐ male ☐ female
course:
☐ Business Admin. and Economics
☐ Governance ☐ Teaching ☐ Other

Median of (7, 16, 4, 19, 22)

Median of (7, 16, 4, 19, 99)

2012



Our goal

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Access for Instructors

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classEx is free-of-charge.



When using it in a publication, cite our tools paper!

Marcus Giamattei, Johann Graf Lambsdorff (2019): classEx – an online tool for lab-in-the-field experiments. Journal of Behavioral and Experimental Finance 29: 223-231.

Title

First Name

Last Name

Course Name

Institution

Country

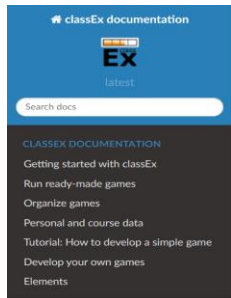
Get instructor credentials at <http://classEx.de>

No login credentials for participants needed.



Teaching Resources

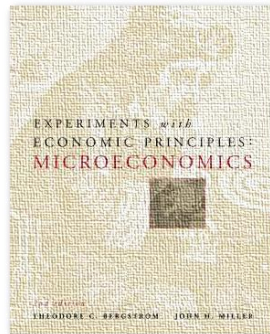
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classEx Documentation

<https://classEx.de/documentation>

Extensive documentation of classEx



Econclassexperiments

<https://econclassexperiments.com>

Teaching material for simple trading games



CORE Econ – Experiencing Economics

<https://core-econ.org>

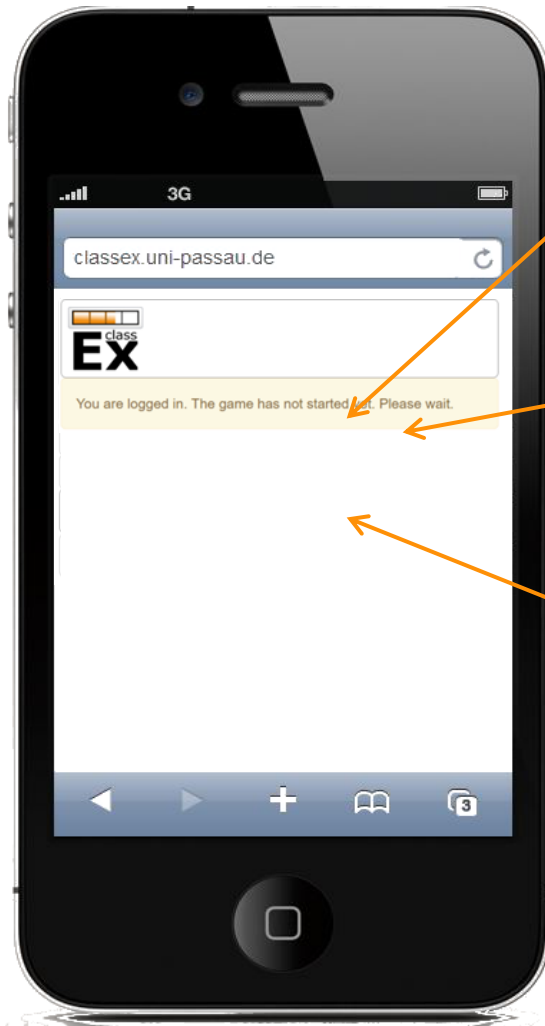
Teaching material connect to CORE Econ



Login for participants

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Open classEx.uni-passau.de



Choose
Bard College Berlin

Choose
Marcus Giamattei

Participant

Password: **econ1**

Press Login

Any device with Internet access.

<https://classex.uni-passau.de/bin/index.php?automatic=nOYW1oTs1PbEL-uyc0SXow>

Before the lecture



Inform students to bring mobile devices (if played in class)

- any device allowed (smartphone, notebook,...)
- internet connection needed
- up-to-date browser (not IE)
- java-script enabled



For complex games send the instructions upfront



Test games before running them



Logout at other computers

In the lecture



Make sure you have a stable internet connection
Use Mozilla Firefox or Chrome (updated)
Javascript should be enabled (standard)



Matching is done in first stage of a game, give enough time here.



Clearly announce end of stages/rounds/games, when most are done. Then give additional 20-30 seconds for the rest.

Example Public Goods

The MPCR is 0.5. Ten rounds will be played.



group 1



5 / 5

group 2



5 / 5

group 3

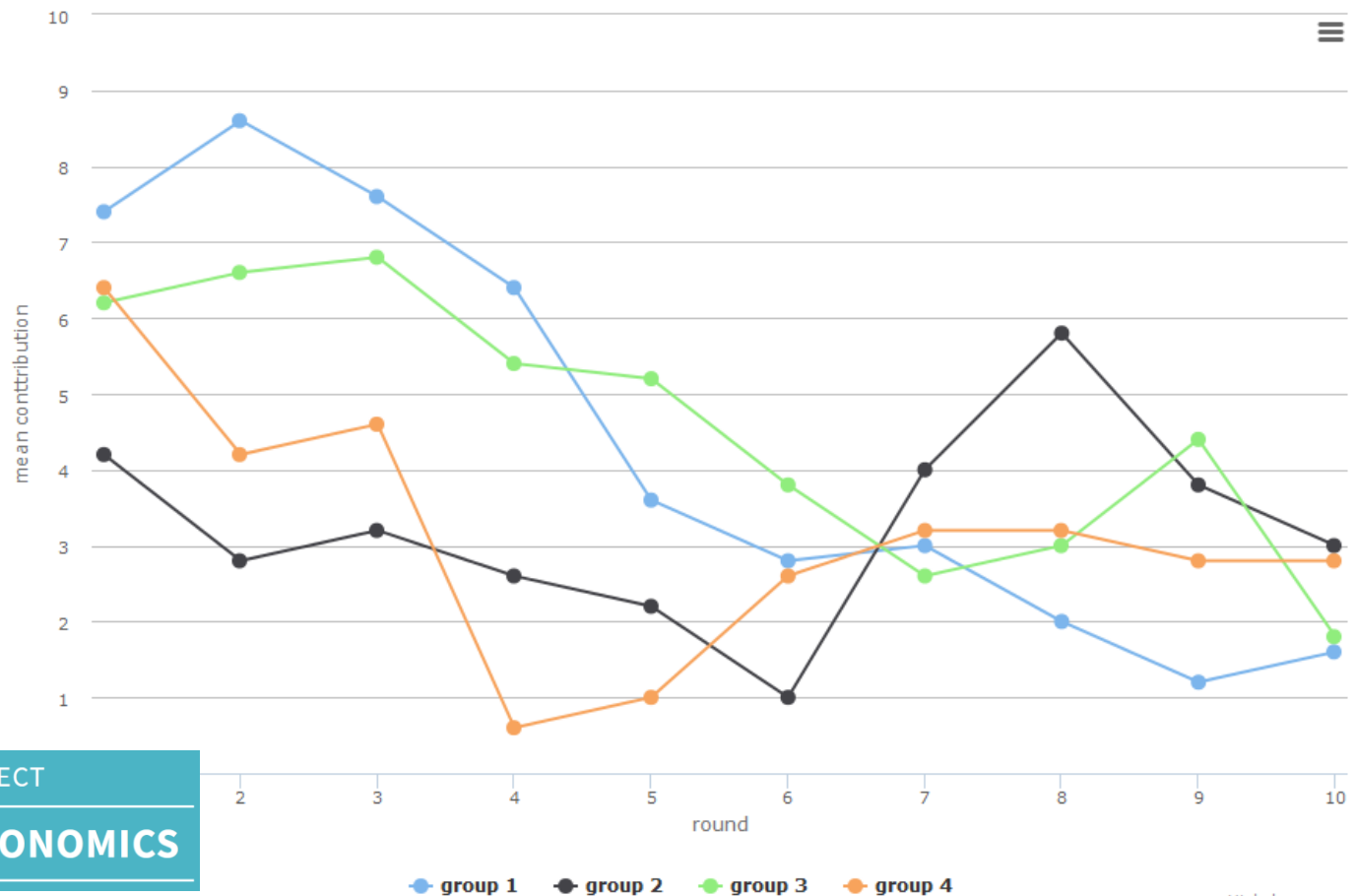


5 / 5

group 4



5 / 5



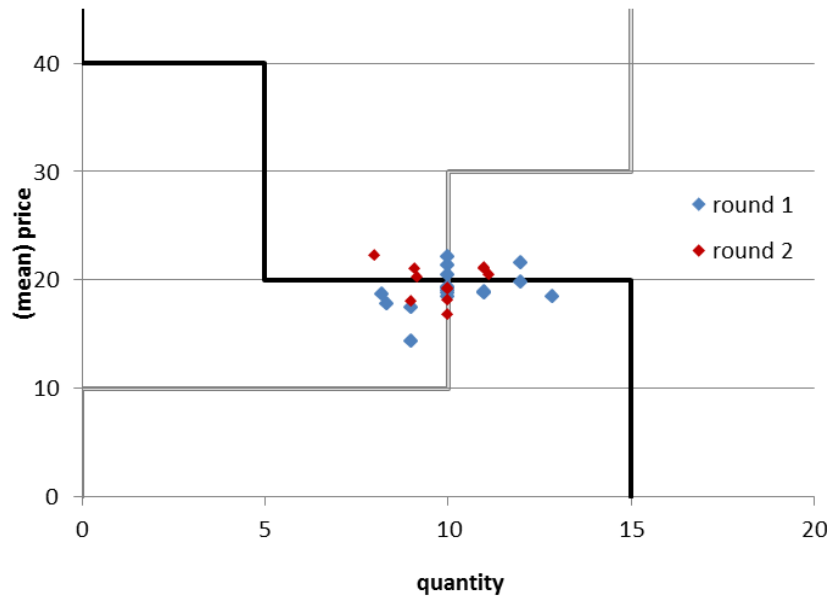
covered in

THE CORE PROJECT

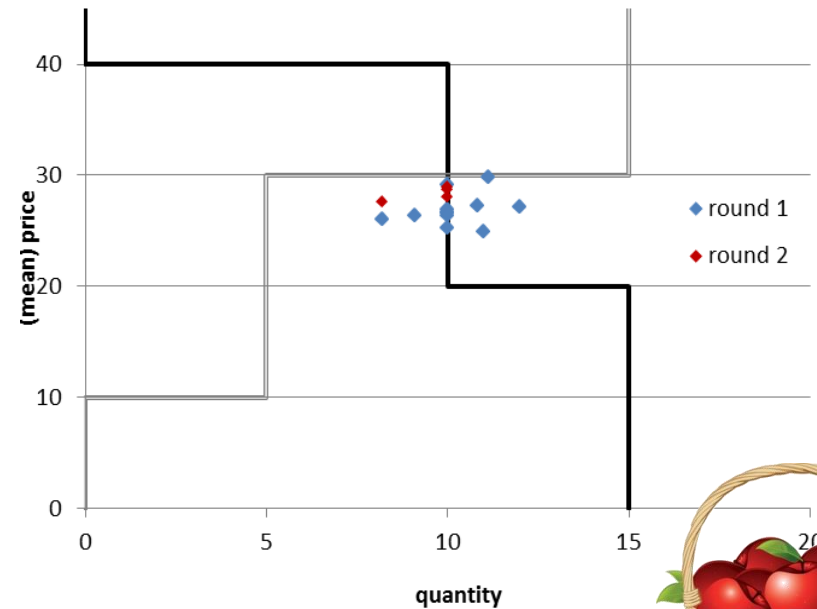
EXPERIENCING ECONOMICS

The market is an auctioneer. Supplier and demander approach an equilibrium. (Leon Walras)

Session 1



Session 2



covered in

Teaching Microeconomic Principles with Smartphones - Lessons from Classroom Experiments with classEx, Barcelona GSE Working Paper Series 996, with Humberto Llavador.

You are thinking about whether to invest or not. The success of the investment depends on whether your partner also invests. If not, "Do not invest" yields the higher return. Two pairs will be randomly drawn and paid out in Euros.

| | | 99 | |
|----|---------------|--|---|
| | | Invest | Do not invest |
| 99 | Invest | <div> <div>10</div> <div> <div><div></div><div></div><div></div><div></div></div> <div>23.5%</div> </div> <div> <div><div></div><div></div><div></div><div></div></div> <div>75.0%</div> </div> <div>10</div> </div> | <div> <div>5</div> <div> <div><div></div><div></div><div></div><div></div></div> <div>19.6%</div> </div> <div> <div><div></div><div></div><div></div><div></div></div> <div>8.3%</div> </div> <div>0</div> </div> |
| | Do not invest | <div> <div>0</div> <div> <div><div></div><div></div><div></div><div></div></div> <div>35.3%</div> </div> <div> <div><div></div><div></div><div></div><div></div></div> <div>14.6%</div> </div> <div>5</div> </div> | <div> <div>5</div> <div> <div><div></div><div></div><div></div><div></div></div> <div>21.6%</div> </div> <div> <div><div></div><div></div><div></div><div></div></div> <div>2.1%</div> </div> <div>5</div> </div> |

coming soon in

THE CORE PROJECT

EXPERIENCING ECONOMICS

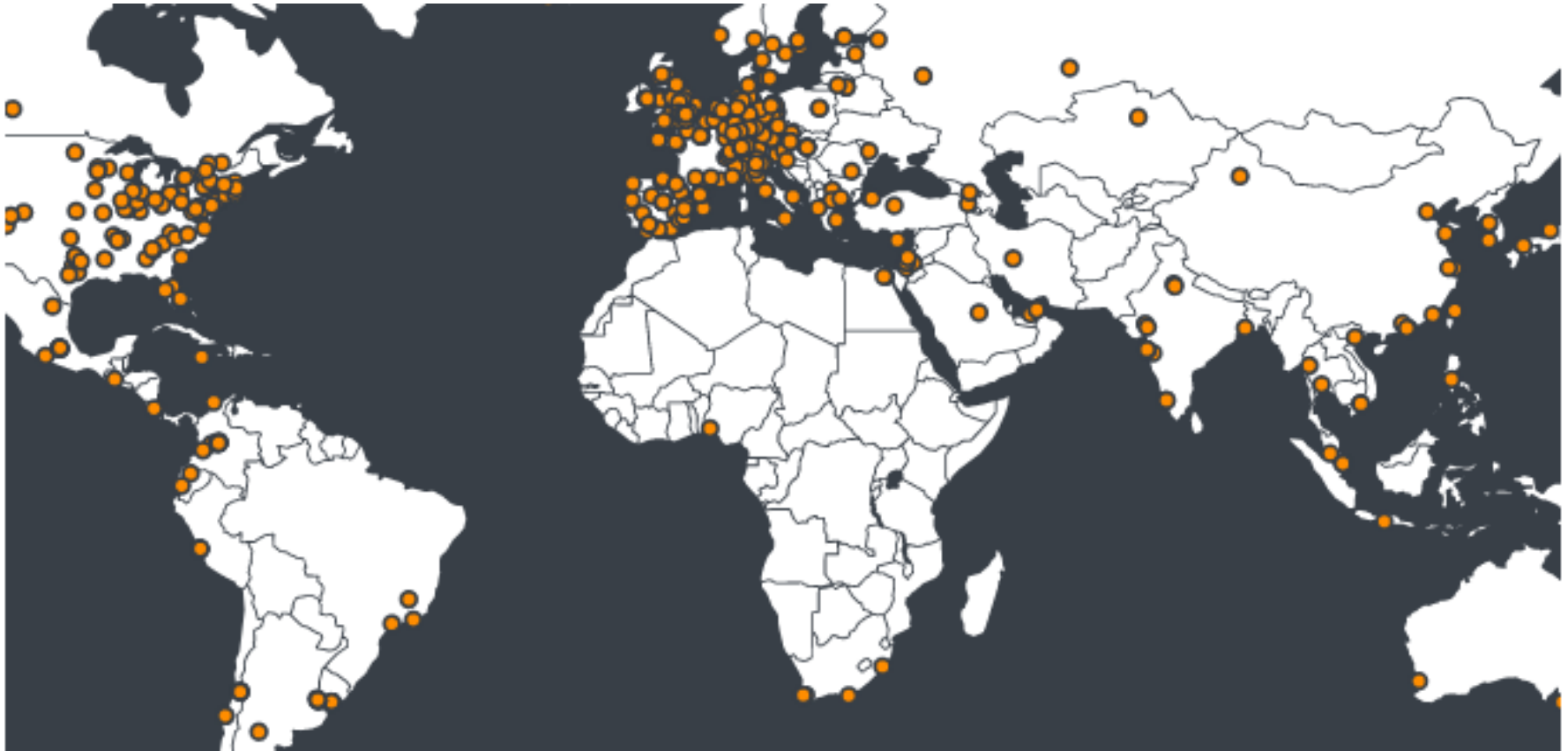
51 You and your partner are investors in England.

53 You and your partner are investors in France.



Current users

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Thanks for your attention!

More information can be found at
classEx.de

For questions use the forum or email to
classEx@uni-passau.de

